

AUTONOMOUS FLOOR MOPPING APPARATUS

Abstract of the Disclosure

5 A floor mopping assembly finding use in a cleaning robot. The cleaning robot
may be remotely controlled or autonomous. In one embodiment, a feed roller lets out a
roll of webbing or toweling, a take-up roller reels in the toweling, and a motor system
causes transfer of the toweling between the feed roller and the take-up roller. A housing
holds the motor system and the rollers, which are mounted in the housing such that the
motor causes transfer of the webbing between the rollers. One of the rollers is
10 configured to rest on the floor or surface so as to cause the toweling to clean the surface.
In an alternative embodiment, the assembly also includes a pad to press the toweling
against the surface, where the pad is mounted in the housing such that the motor causes
transfer of the toweling between the rollers and between the pad and the surface.

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